

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) A method for identifying candidate cancer-specific or cancer-associated antigens, said method comprising consecutively the steps of:
- (a) obtaining ~~the an~~ amino acid ~~sequences~~ sequence of ~~the an~~ extracellular domain of a receptor or receptor-like molecule;
 - (b) mapping hydrophilic regions of the domain by analyzing the amino acid sequence of the domain employing ~~the a~~ rolling sum analysis of 7 consecutive residues;
 - (c) identifying the hydrophilic peptide regions of step (b) that are glycosylated in non-cancerous (normal) cells, but are deglycosylated in cancer cells;
 - (d) locating amino acids that are susceptible to modification in the absence of steric ~~hinderance~~ hindrance by glycoside chains;
 - (e) synthesizing candidate peptides that fit the criteria of steps (a) to (d);
 - (f) labeling the peptides at either end of their amino acid sequence; and
 - (g) testing whether the candidate peptides are cancer-specific or cancer associated.

B2

Claims 2-27 (previously withdrawn)
